Abarna_day89

```c
#include <stdio.h>
#include <stdlib.h>

int compare(const void *a, const void *b) {
    return (*(int *)a - *(int *)b);
}

int max_steps(int N, int K, int C, int *numbers) {
    qsort(numbers, N, sizeof(int), compare);
    int steps = 0;

    for (int i = 0; i <= N - K;) {
        int valid = 1;
        for (int j = 1; j < K; j++) {
            if (numbers[i + j] < numbers[i + j - 1] * C) {
                valid = 0;
                break;
            }
        }

        if (valid) {
            steps++;
            i += K;
        } else {
            i++;
        }
    }

    return steps;
}

int main() {
    int T;
    scanf("%d", &T);

    while (T--) {
        int N, K, C;
        scanf("%d %d %d", &N, &K, &C);
        int numbers[N];
        for (int i = 0; i < N; i++) {
            scanf("%d", &numbers[i]);
        }

        printf("%d\n", max_steps(N, K, C, numbers));
    }
```

```
    return 0;
}
```